

# AEC270 Strain Gauge Transmitter / Isolator

- Non-Smart / Non-uProcessor based, type A instrument
- True universal AC/DC supply voltage 21V through 265V AC/DC

## **Technical Specifications**

#### Input

Any mV signal range, with a Minimum span 4mV (Excitation 10V at up to 22mA as standard, 5Vdc option available)

Typical Input ranges

0-5mV, 0-10mV, 0-15mV, 0-20mV, 0-25mV, 0-30mV, 0-40mV

### Output

4-20mA output as standard, other ranges are available on request. The current source can be up to 20mA with a drive voltage of 13V. (Passive/Sink output port option is available on request) The voltage output can be up to 10Vdc, with maximum drive 3mA.

Other Output ranges available

0-10mA, 0-20mA, 1-5mA, 0-2V, 0.4-2.0V, 1-5V, 2-10V, 0-10Vdc

Accuracy/Linearity <0.1% mV Span

### Supply

Universal 21-265V ac/dc. Typical burden on 24Vdc supply <1.3W max Typical Burden on AC supply range 3W

### Isolation

1000V RMS Input/Excitation/Output/Supply

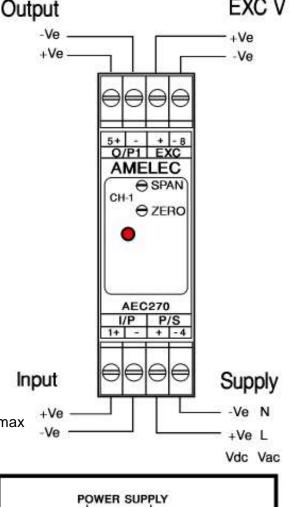
### Environmental Conditions

Storage Temperature: -20°C to +70°C Operating Ambient:0°C to +55°CRelative Humidity:5% to 95% RH (Non-Condensing) EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM) IP Rating: IP20

Dimensions H: 75mm W:22.5mm D:105mm

Mounting Din Rail (TS35)





WIRING

EXC V

